

AMEREM/EUROEM Memos
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Technical Program Statistics for AMEREM 2014

Prepared by
Dave Giri, William Radasky, Edl Schamiloglu, John Gaudet and William Prather

In this Memo, we document certain parameters relating to the Technical Program of AMEREM 2014, held at The University of New Mexico in Albuquerque, NM during July 27-31, 2014. It is anticipated that future organizers of AMEREM/EUROEM/ASIAEM meetings can benefit from the data presented in this Memo.

The purpose of this Memo is to present some statistics and examine the models of the technical program organization. In Table 1, we present the data about paper submissions and exhibitors.

Table 1. Quantity of Papers and Exhibitors for AMEREM 2014

Number of papers submitted	148
Number of papers rejected	1
Number of Papers voluntarily withdrawn by the authors, primarily because they could not attend the Conference	11
Number of papers removed from the technical program because the author/coauthor did not register by deadline	5
Number of papers (regular + poster + plenary) accepted and scheduled	131
Breakdown of 131 papers	
Number of regular session papers (20 minutes)	110
Number of papers accepted for poster sessions	14
Number of plenary session papers (30 minutes)	7
Number of workshops/tutorials	0
Number of registered participants	175
Number of Exhibitors	8
Other Meetings (Permanent HPE Committee and IEC)	2

In Table 2, we present the organizational considerations in the context of AMEREM 2014.

Table 2. Organizational Considerations for AMEREM 2014

#	Parameter	Symbol	AMEREM 2014
1	Number of accepted papers	N	131
2	Number of conference days	D	4
3	Number of half days	2D	8
4	Plenary session papers (30 minutes each) (Typically wednesday AM session)	PS	7
5	Effective number of half days	$H = (2D - 1.5)$	6.5
6	Number of poster session papers	PP	14
7	Oral presentations excluding plenary papers	$M = N - PS - PP$	110
8	Number of presentations/ full session (with 20-minute presentations)	S	8
9	Number of parallel sessions	Integer [$M / (H \times S)$]	2.23 Rounded to 3

*7 plenary papers were scheduled on Wednesday, 30 July 2014 morning.

**A comment is in order concerning the number of parallel sessions.

Note that in AMEREM 2014, 3 parallel sessions could have accommodated a maximum of $3 \times 6.5 \times 8 = 156$ oral presentations. However, the number of parallel sessions is governed by the session topics and not necessarily by trying to fit the papers in a minimum set of parallel sessions. In Table 3, we present paper count by Technical Committees.

Table 3. Submission Count by Technical Committees

Topic	Total	Poster	Oral	Plenary
TC01	30	10	18	2
TC04	25	4	21	
TC07	19		19	
TC03	14	2	11	1
TC06	11		10	1
SS02	10		10	
TC09	8		8	
TC02	8		6	2
TC05	7		6	1
SS01	7	1	6	
TC08	6		6	
TC12	3		3	
TC10	0		0	
TC11	0		0	
TOTAL	148	17	124	7

In Table 4, we list the various Technical Committees and their respective Chairs and Vice-Chairs.

Table 4. Various Technical Committees and Chairs & Vice-Chairs for AMEREM 2014

Tech. Com.	Chair/VC	Description
TC 1	Prather/Giri	Sources, Antennas and Facilities (both wideband and narrowband)
TC 2	Backstrom/Fichte	Applications of Coupling to Structures and Cables
TC 3	Sabath/Wraight	Measurement Techniques
TC 4	Radasky/Hoad	IEMI Threats, Effects and Protection
TC 5	Kaelin/Jang	System-level Protection and Testing
TC 6	Rachidi/Rubinstein	Lightning EM Effects
TC 7	Parmantier/ Tkachenko	Numerical Models and Modeling
TC 8	VRaman/ Joshi	Bio-effects and Medical Applications of EM Fields
TC 9	Giri/Farr	Antenna Design, Radiation and Propagation
TC 10	Baker/ Hayes	Radar Systems (Signal Processing and Security Aspects)
TC 11	Serafin/Tatoian	Target Detection, Discrimination and Imaging
TC 12	Lambrech/ Greenwood	Landmine and IED Detection and Neutralization
SS01	Kasmi/Gardner	Statistical Tools in HPEM
SS02	Hoad/Arnesen	HPEM-Impacts/Protection on Critical Infrastructure in Europe

SS01 and SS02 are two Special Sessions.

In Table 5, we present submitted papers for AMEREM 2014 by nations.

Table 5. Submitted Papers by Nations in AMEREM 2014 (Total of 148)

Nation	# of Submissions	Cumulative
USA	50	50
France	11	61
Germany	11	72
Republic of Korea	10	82
Switzerland	9	91
Russian Federation	8	99
China	7	106
India	7	113
United Kingdom	5	118
Colombia	4	122
Sweden	4	126
Lithuania	3	129
Ukraine	3	132
Japan	2	134
The Netherlands	2	136
Norway	2	138
Turkey	2	140
Brazil, Canada, Denmark, Greece, Israel, Italy, Lebanon and South Africa	1 each	148

Some papers are written by multiple authors from different nations. Papers are assigned to the home nation of the contact author, who may or may not be the first author.

It is noted that out of the 148 submissions listed by nations in the above Table 5, 1 paper was rejected and 11 were withdrawn voluntarily by the authors and hence we ended up with 136 papers that we initially scheduled in the Technical Program. However, out of these 136 papers, 5 authors did not register and we removed these papers. In addition, one author who had registered could not attend because of visa issues. His two papers were not presented. Finally, the conference took place with 129 papers presented. The breakdown of 129 papers is as follows:

Number of Plenary Session Papers = 07
 Number of Poster Session Papers = 14
 Number of Oral Session Papers = 108